

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L25	0	(QPSK) near2 (demodulation) with (scrambling near code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:24
L26	0	(QPSK) near2 (demodulation or modulation) with (scrambling near code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:24
L27	5360	(scrambling near code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:24
L28	50	(scrambling near code) with (QPSK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:24
L29	26	(scrambling near code) with (QPSK) near2 (modulat\$4 or demodulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:25
L30	3	(scrambling near code) with (QPSK) near2 (modulat\$4 or demodulat\$4) same (imbalance or mismatch or offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:25
L31	0	(scrambling near code) with (QPSK) near2 (modulat\$4 or demodulat\$4) same (imbalance or mismatch or offset) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:25
L32	12	(scrambling near code) with (QPSK) near2 (modulat\$4 or demodulat\$4) and (imbalance or mismatch or offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:26

L33	5	(scrambling near code) with (QPSK) near2 (modulat\$4 or demodulat\$4) and (imbalance or mismatch or offset) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:26
L35	9	(scrambling near code) with (QPSK) near2 (modulat\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/02 13:35
S1	7	"140135".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 10:33
S2	4	"536641".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 10:49
S3	58	(QPSK)with (scrambl\$4 near2 code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:00
S6	6	(QPSK)with (scrambl\$4 near2 code)and (compensation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:06
S7	56	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:08
S8	5	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensation)and (imbalance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:08
S9	203	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensation or estimation) and (imbalance or error or offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:20

S10	4	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)same (compensation or estimation) same (imbalance or error or offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:21
S11	4	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and (before near3 synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:31
S12	6	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and (before near3 (synchroniz\$5 or synchronis\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:32
S13	3	("6853631").URPN.	USPAT	OR	OFF	2008/04/01 11:35
S14	238	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and (synchroniz\$5 or synchronis\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:36
S15	105	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz\$5 or synchronis\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:37
S17	90	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz\$5 or synchronis\$5)and (correlation or covariance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:42

S18	56	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz \$5 or synchronis\$5)and ((cross near2 correlation) or covariance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:42
S19	41	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz \$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:43
S20	40	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz \$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)and (square)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:43
S21	39	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz \$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)and (square)and (low near2 pass or (low-pass) or (LPF))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:44
S22	26	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz \$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean )and (square)and (low near2 pass or (low-pass) or (LPF))and (RMS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:44

S23	28	((QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz\$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)and (square)and (low near2 pass or (low-pass) or (LPF))and (FFC or feed-forward or (feed near2 forward))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 11:48
S25	1	wo-0150616-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 13:13
S26	1	((QPSK)with ((scrambl\$4 or spread\$4) near2 code)same (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)same (imbalance or error or offset or mismatch\$4)and (synchroniz\$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)and (square)and (low near2 pass or (low-pass) or (LPF))and (FFC or feed-forward or (feed near2 forward))and (QPSK or PSK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 14:59
S27	224	(complex near2 scrambling near2 code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:20
S31	62	((scrambl\$4 or spread\$5) near2 code)same (QPSK or PSK) and (cross-correlation or correlation or covariance)and (RMS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:25
S32	36	(I with Q with correlation with ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:30
S33	14	(I with Q with correlation with ratio)and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:31

S35	69	(I with Q) with (ratio)with(RMS or mean or square)with (ratio) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:33
S36	44	(I with Q) with (ratio)with(RMS or mean or square)with (ratio) and (FFC or feed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:36
S37	5	(I with Q) with (ratio)with(RMS or mean or square)with (ratio) and (FFC or feed)and (PSK or QPSK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:36
S38	0	(I with Q) with (ratio)with(RMS or mean or square)same (despread\$4 or descramb\$5) and (demodulat\$5)and (mixer or multiplexer or mux)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:41
S41	18	(I with Q) with(RMS or mean or square)same (despread\$4 or descramb\$5)and (demodulat\$5) and (mixer or multiplexer or mux)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:43
S42	1	(I with Q) with (ratio)with(RMS or mean or square)same (despread\$4 or descramb\$5) and (demodulat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 15:45
S53	2	"7050480".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 16:19
S58	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 16:48
S63	2	"20020097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 16:59

S64	0	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and (synchroniz\$5 or synchronis\$5) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:10
S65	0	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and (synchroniz\$5 or synchronis\$5) and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:10
S66	203	(QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensation or estimation) and (imbalance or error or offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:11
S67	0	S66 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:11
S68	0	S66 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:11
S69	5171	((scrambl\$4 or spread\$4) near2 code)and (compensation or estimation)and (imbalance or error or offset or mismatch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 17:12
S70	46	(I with Q) with (ratio)with (LPF or LP or low-pass or low near2 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 10:48
S71	19	(I with Q) with (ratio)with (LPF or LP or low-pass or low near2 pass)and (imbalance or offset or error or mismatch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 10:49

S72	28	((QPSK)with ((scrambl\$4 or spread\$4) near2 code)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and (synchroniz\$5 or synchronis\$5)and ((cross near2 correlation) or covariance)and (mean)and (square)and (low near2 pass or (low-pass) or (LPF))and (FFC or feed-forward or (feed near2 forward))and (QPSK or PSK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 10:52
S73	81	(I with Q) with (ratio or divid\$3) with (LPF or LP or low-pass or low near2 pass)and (imbalance or offset or error or mismatch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:00
S74	17	(I with Q) with (ratio or divid\$3) with (LPF or LP or low-pass or low near2 pass)same (imbalance or offset or error or mismatch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:01
S75	1501	(I/Q or (I near2 Q))with (imbalance or error or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4 or find\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:17
S76	394	(I/Q or (I near2 Q))with (imbalance or error or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4 or find\$4).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:17
S77	164	(I/Q or (I near2 Q))with (imbalance or error or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4 or find\$4)same (divid\$4 or ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:18
S78	251	(I/Q or (I near2 Q))with (imbalance or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4).ab, ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:18
S79	111	(I/Q or (I near2 Q))with (imbalance or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4).ab, ti. and (ratio or divid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:19



S80	24	(I/Q or (I near2 Q))with (imbalance or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4)same (ratio or divid\$4).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 13:05
S81	101	(I/Q or (I near2 Q))with (imbalance or offset or mismatch)with (compensat\$4 or estimat\$4 or calculat\$4)same (ratio or divid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 13:05
S82	2	"7167513".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 13:14
S83	2	"7248625".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 13:16
S84	2	"7173988".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 13:20
S86	23	correlat\$7 with (divi\$7) with squat\$7 with (i or in\$1phas\$7 or q or quadratur\$7) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:14
S87	44	correlat\$7 with (divi\$7 or ratio) with (squat\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:19
S88	6	correlat\$7 with (divi\$7 or ratio) with (squat\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7)and((scrambl\$4 or spread \$4) near2 code)and (compensat \$4 or estimat\$4 or find\$4 or calculat\$5)and ((phase or gain) near3 (imbalance or error or offset or mismatch\$4)) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:20

S89	7	correla\$7 with (divi\$7 or ratio) with (squar\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7)and((scrambl\$4 or spread \$4) near2 cod\$4)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:25
S90	6	correla\$7 with (divi\$7 or ratio) with (squar\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7)and((scrambl\$4 or spread \$4) near2 cod\$4)and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4)and (LPF or LP or low-pass or lowpass) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:26
S91	18	correla\$7 with (divi\$7 or ratio) with (squar\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7)and(scrambl\$4 or spread\$4) and (compensat\$4 or estimat\$4 or find\$4 or calculat\$5)and (imbalance or error or offset or mismatch\$4) and @ad<"20021209"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/03 10:28
S94	2	(phase or gain) with (imbalance or error or offset or mismatch).ab. and (spread\$4 or scrambl\$4 or cod\$4)and (LPF or LP or low-pass or low near2 pass) and (correla\$7 with (divi\$7 or ratio) with (squar \$7 or RMS)with (i or in\$1phas \$7 or q or quadratur\$7))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:17
S95	3	(phase or gain) with (imbalance or error or offset or mismatch).ab. and (spread\$4 or scrambl\$4 or cod\$4)and (correla\$7 with (divi\$7 or ratio) with (squar\$7 or RMS)with (i or in\$1phas\$7 or q or quadratur \$7))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:19
S96	2	"7310388".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:22

S97	2	EP-1416691-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:24
S98	2	"20060251189"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:27
S99	283	((Q or quadrature\$4) with square with (ratio or divid\$4) with (l or in\$1phase\$4) with square)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:29
S100	88	((Q or quadrature\$4) with square with (ratio or divid\$4) with (l or in\$1phase\$4) with square) and (phase or gain) with (imbalance or error or offset or mismatch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:30
S101	43	((Q or quadrature\$4) with square with (ratio or divid\$4) with (l or in\$1phase\$4) with square) and (phase or gain) with (imbalance or error or offset or mismatch) same (estimat\$5 or compensat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:30
S102	2	"7158586".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:40
S103	2	"20050181749"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:42
S104	2	"20060056554"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/04 13:43
S105	2	"20060039506"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 10:09

S106	2	"20070177694"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/08 10:09
S107	0	(ratio or divid\$4) adj2 (square or RMS) adj2 (I or in\$1phase \$4) adj2 (square or RMS) adj2 (Q or quadrature\$5) adj2(I or in \$1pahse\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/04/08 10:19
S108	87	(ratio or divid\$4) with (square or RMS) with (I or in\$1phase \$4) with (square or RMS) with (Q or quadrature\$5) with (I or in\$1pahse\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/04/08 10:20
S109	14	(ratio or divid\$4) with (correlation or correction) with (I or in\$1phase\$4)with(Q or quadrature\$5) with (square or RMS) with (I or in\$1pahse\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/04/08 10:30
S110	4	(ratio or divid\$4) with (correlation or correction) with (I or in\$1phase\$4)with(Q or quadrature\$5) with (square or RMS) with (I or in\$1pahse\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2008/04/08 10:30
S111	902	(I or (in\$1phase\$4) with (Q or quadrature)) with (mismatch or error or offset or imbalance) with (compensat\$4 or estimat \$5) and (integrat\$5) and (feedback or feed-back or loopback or loop-back or fed or feed-forward or ffc) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 10:01
S112	28	(I or (in\$1phase\$4) with (Q or quadrature)) with (mismatch or error or offset or imbalance) with (compensat\$4 or estimat \$5) and (integrat\$5) and (feedback or feed-back or loopback or loop-back or fed or feed-forward or ffc) and (wcdma or w-cdma or umts) and (scrambl\$4 or spread\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 10:02
S113	2	"20040002323"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 11:53

S114	1099	375/324.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 11:56
S115	0	375/324.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 11:56
S116	0	455/324.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:48
S117	0	714/408.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49
S118	1	455/147.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49
S119	0	455/148.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49
S120	0	375/261.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49
S121	1	375/297.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49
S122	0	375/147.ccls. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:49

S123	11	375/324.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S124	25	455/324.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S125	0	714/408.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S126	0	714/408.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S127	1	455/147.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S128	17	375/261.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S129	10	375/297.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:50
S130	8	375/147.ccls. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 12:51
S131	1	((PIERLUIGI) near2 (D"ALESSANDRO)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 13:02

S132	130753	(philips).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 13:03
S133	11	(philips).as. and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/10 13:03
S135	3	(QPSk near demodulat\$4) same (scrambling near code)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 11:24
S136	4	"536641".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 11:31
S137	6	"137468".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 12:50
S138	1	"7436915".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 12:50
S139	2	(tanmay near shah).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/08 12:52
S141	1204	((phase or gain) near (imbalance or offset)) same (synchroni\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:18
S142	92	((phase or gain) near (imbalance or offset)) same (synchroni\$5) same (before or prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:18

S143	54	((phase or gain) near (imbalance or offset)) same (synchro\$5) same (before or prior) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:18
S144	3	"20030139167"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:20
S145	1	(I near Q near imbalance) with (synchro\$6) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:44
S146	5	(I near Q near imbalance) same (synchro\$6) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:45
S151	1	(I near Q near imbalance) and (symbol near synchro\$6) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/24 17:55
S152	2109	((I or in\$1phase) with (Q or (quadrature near phase))) same (synchronization) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:27
S153	1731	((I or in\$1phase) with (Q or (quadrature near phase))) same (synchronization) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:27
S154	133	((I or in\$1phase) with (Q or (quadrature near phase)) with (imbalance or offset or mismatch)) same (synchro\$6) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:29
S155	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:34



S156	2	"20020097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:35
S157	56	((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:06
S158	17	(estimat\$4 or calculat\$4 or find \$4 or compensat\$4) with ((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:06
S159	9	(estimat\$4 or calculat\$4 or find \$4 or compensat\$4) with ((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:07
S160	4	(estimat\$4 or calculat\$4 or find \$4 or compensat\$4) near2 ((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:09
S161	3	"20030139167"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:11
S162	15	((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5) same (demodulat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:13
S163	10	((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5) same (demodulat \$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:14
S164	4	"536641".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:14

S165	6	((phase or gain) near (imbalance or offset or mismatch)) same (symbol near synchroniz\$5) and (QPSK near demodulat\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:16
S166	6	(QPSK near demodulat\$4) same ((phase or gain) near (offset or imbalance or mismatch or error)) same (synchroni\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:19
S167	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:21
S168	3	"2002097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:21
S169	2	(QPSK near demodulat\$4) same ((phase or gain) near (offset or imbalance or mismatch or error)) same (constellation or mapping)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:26
S170	3	(QPSK near demodulat\$4) same ((phase or gain) near (offset or imbalance or mismatch or error)) same (constellation or map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:26
S171	6	(QPSK near demodulat\$4) same ((phase or gain) near (offset or imbalance or mismatch or error)) same (const \$6 or map\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:27
S172	3	(QPSK near demodulat\$4) same ((phase or gain) near (offset or imbalance or mismatch or error)) same (const \$6 or map\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:28
S173	2	"2002097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:29

S174	4	"536641".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:22
S175	12	((phase or gain) near (imbalance or offset or error or mismatch)) same (synchron\$6 or timing) same (QPSK near demodul\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:37
S176	11	((phase or gain) near (imbalance or offset or error or mismatch)) same (synchron\$6 or timing) same (QPSK near demodul\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:37
S177	11	((phase or gain) near (imbalance or offset or error or mismatch)) same (synchron\$6 or timing or mapping) same (QPSK near demodul\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:38
S178	15	((phase or gain) near2 (imbalance or offset or error or mismatch)) same (synchron\$6 or timing or mapping) same (QPSK near demodul\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:40
S179	15	((phase or gain) near4 (imbalance or offset or error or mismatch)) same (synchron\$6 or timing or mapping) same (QPSK near demodul\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:41
S180	19	((phase or gain) near4 (imbalance or offset or error or mismatch)) same (synchron\$6 or timing or mapping) same (QPSK near2 demodul\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 17:42
S181	3	"20030139167"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 13:42
S182	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 13:42

S183	3	"2002097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 13:43
S184	3485	(symbol near synchronization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 14:03
S185	123	(symbol near (synchronization or map\$4)) same (demodulat\$4 with (I or In\$1phase) with (Q or quadrature))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 14:04
S186	56	(symbol near (synchronization or map\$4)) same (demodulat\$4 with (I or In\$1phase) with (Q or quadrature)) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 14:04
S187	17	(symbol near (synchronization or map\$4)) with (demodulat\$4 with (I or In\$1phase) with (Q or quadrature)) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 14:04
S188	4	2004/0002323	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 16:04
S189	2	"20040002323"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 16:05
S190	1	UMTS and (demodulat\$4 with QPSK) same (I with Q with imbalance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 16:06
S191	25	UMTS and (I with Q with imbalance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 16:07

S192	6	UMTS and (I with Q with imbalance) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/05 16:08
S193	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 10:15
S196	2	"20020097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 10:16
S197	136	(feed near back) same ((I or in \$1phas\$4) with Q or (quad \$5phas\$4)) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 11:47
S198	2431	(feed near back or (feedback)) same ((I or in\$1phas\$4) with Q or (quad\$5phas\$4)) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 11:48
S199	39	(feed near back or (feedback)) same ((I or in\$1phas\$4) with Q or (quad\$5phas\$4)) same (filter) same (correlation) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 11:48
S200	5	(feed near back or (feedback)) same ((I or in\$1phas\$4) with Q or (quad\$5phas\$4)) same (filter) same (cross near correlation) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 13:49
S202	728	(cross near correlat\$4) same ((I or (in\$phase)) with (Q or (quadrat\$4 near phase)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:02
S203	45	(cross near correlat\$4) same ((I or (in\$phase)) with (Q or (quadrat\$4 near phase))) same ((compensat\$4 or calculat\$4 or rebalanc\$4 or adjust\$4) with (imbalance or mismatch or error or offset))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:07

S204	32	((cross near correlat\$4) same ((I or (in\$phase)) with (Q or (quadrat\$4 near phase))) same ((compensat\$4 or calculat\$4 or rebalanc\$4 or adjust\$4) with (imbalance or mismatch or error or offset)) and (@ad<="20050527"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:08
S205	177	((cross near correlat\$4 oe (covariance)) same ((I or (in \$phase)) with (Q or (quadrat\$4 near phase))) same ((compensat\$4 or calculat\$4 or rebalanc\$4 or adjust\$4) with (imbalance or mismatch or error or offset)) and (@ad<="20050527"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:11
S206	9	((cross near correlat\$4 oe (covariance)) same ((I or (in \$phase)) with (Q or (quadrat\$4 near phase))) same ((compensat\$4 or calculat\$4 or rebalanc\$4 or adjust\$4) with (imbalance or mismatch or error or offset)) same (feedback) and (@ad<="20050527"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:29
S207	353	(WCDMA or UMTS) and (feed-forward or feed-back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:31
S208	44	(WCDMA or UMTS) same (feed-forward or feed-back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:31
S209	16	(WCDMA or UMTS) same (feed-forward or feed-back) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:31
S210	3	"20030139167"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:27

S211	130	(modulat\$4 with (scrambl\$4 or spread\$4)) same (filter\$4) same (integrat\$4 or add\$4) same (error or offset or mismatch or imbalance) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 11:27
S212	95	(modulat\$4 with (scrambl\$4 or spread\$4)) same (filter\$4) same (integrat\$4 or add\$4) same (error or offset or mismatch or imbalance) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 11:28
S213	15	(modulat\$4 with (scrambl\$4 or spread\$4)) same (filter\$4) same (integrat\$4 or add\$4) same (error or offset or mismatch or imbalance) same ((I or (in\$phase)) with (Q or (quadrat\$4 near phase))) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 11:29
S214	443	((I or in\$1phase) with (Q or (quadrature near phase))) with (multip\$4 or (cross near correlat\$4) or (mixer)) same (synchro\$6) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:52
S215	29	((I or in\$1phase) with (Q or (quadrature near phase))) with (multip\$4 or (cross near correlat\$4) or (mixer)) same (symbol near synchro\$6) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:53
S216	0	((I or in\$1phase) with (Q or (quadrature near phase))) with (multip\$4 or (cross near correlat\$4) or (mixer)) same (symbol near synchro\$6) same (imbalanc\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:53
S217	0	((I or in\$1phase) with (Q or (quadrature near phase))) with (multip\$4 or (cross near correlat\$4) or (mixer)) same (symbol near synchro\$6) same (imbalance) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:53
S218	0	((I or in\$1phase) with (Q or (quadrature near phase))) with (multip\$4 or (cross near correlat\$4) or (mixer)) same (symbol near (synchro\$6 or map\$4)) same (imbalance) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:53

S219	1	((I or in\$1phase) with (Q or (quadrature near phase))) with (multipl\$4 or (cross near correlat\$4) or (mixer)) same (synchro\$6 or map\$4) same (imbalance) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:54
S220	1	((I or in\$1phase) with (Q or (quadrature near phase))) with (multipl\$4 or (cross near correlat\$4) or (mixer)) same (synchro\$6 or map\$4) same (imbalance or mismatch) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:54
S221	120	((I or in\$1phase) with (Q or (quadrature near phase))) with (multipl\$4 or (cross near correlat\$4) or (mixer)) same (synchron\$6 or map\$4) same (imbalance or mismatch or offset or error) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/03 11:54
S222	1	"6771692".pn.	USPAT	OR	OFF	2009/06/03 13:44
S223	4	(multipl\$4) with ((I or in \$phase) with (Q or quadrature near2 phase)) same (filter\$4) same (integrat\$4 or sampl\$4 or add\$4) same (correlat\$4 or modif\$4) same (compensat\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:55
S224	24	(multipl\$4) with ((I or in \$phase) with (Q or quadrature near2 phase)) same (filter\$4) same (integrat\$4 or sampl\$4 or add\$4) same (correlat\$4 or modif\$4) and (estimat\$4 same compensat\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:57
S225	7	(multipl\$4) with ((I or in \$phase) with (Q or quadrature near2 phase)) same (filter\$4) same (integrat\$4) same (correlat\$4 or modif\$4) and (estimat\$4 same compensat\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 17:42
S226	2	(I or (in\$phase) with (Q or quadrature near phase)) with (before or after) with (symbol near synchroni\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:42



S227	5	(I or (in\$phase) with (Q or quadrature near phase)) with (imbalance or mismatch or offset) with (before or after) with (synchroni\$4) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:43
S228	13	(I or (in\$phase) with (Q or quadrature near phase)) with (imbalance or mismatch or offset) with (before or after) with (synchroni\$6) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:44
S229	11	(I or (in\$phase) with (Q or quadrature near phase)) with (imbalance or mismatch or offset) with (compensat\$4) with (synchroni\$6) and (@ad<="20021209")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:45
S230	185	(convergence) same (speed near2 stability)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:19
S231	163	(convergence) with (speed near2 stability)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:20
S232	17	(convergence) with (speed near2 stability) same (I or in \$phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:20
S233	15	(convergence) with (speed near2 stability) same (I or in \$phase) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:21
S234	4	(convergence with parameter) with (speed near2 stability) same (I or in\$phase) and (@ad<="20050527")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/30 17:22
S235	3	"7280619"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/01 10:24

S236	2	"20020097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 12:33
S237	7	"750766".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:03
S238	106	(walton).as. and (qualcomm). as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:03
S239	0	(walton).as. and (qualcomm). as. and (steering near mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:03
S240	0	(walton).as. and (qualcomm). as. and (steer\$4 near mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:04
S241	1	(walton).as. and (qualcomm). as. and (steer\$4 with mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:04
S242	16	(walton).as. and (qualcomm). as. and (steer\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/04 14:04
S243	13	"6289048"	USPAT	OR	OFF	2010/05/04 15:26
S244	1	"6289048".pn.	USPAT	OR	OFF	2010/05/04 15:26
S245	2	"6289048".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 15:27

S246	2	"20020097812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 15:33
S247	2	"5473637".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 16:06
S248	2	"5313303".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 16:07
S249	2	"5519730".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 16:07
S250	2	"5712869".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/04 16:08
S251	15	("2002/0097812").URPN.	USPAT	OR	OFF	2010/05/04 16:09
S252	15	("20020097812"   "20050135521"   "4085378"   "5263196"   "5705949"   "5949821"   "6044112"   "6122325"   "6744829"   "6765623"   "6895045"   "7035341"   "7061994"   "7123896").PN. OR ("7280619").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:11
S253	21	("4085378"   "4729110"   "4953182"   "5105195"   "5134634"   "5249203"   "5263196"   "5604929"   "5705949"   "5949821"   "6009317"   "6118322"   "6330290").PN. OR ("6895045").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/04 16:13
S254	295	(I near2 Q) with (square near2 (I or in\$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:31

S255	425	((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in \$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:32
S256	19	(product) with ((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in\$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:32
S257	0	ratio with (product) with ((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in \$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:33
S258	0	ratio with (product or correlation) with ((l or in \$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in \$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:34
S259	0	ratio with (product or correlation or correlat\$4) with ((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in \$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:34
S260	51	(product or correlat\$4) with ((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (square near2 (l or in \$phase)) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:35
S261	57	ratio with ((l or in\$phase) near2 (Q or (quadrature near2 phase))) with (compensate\$4 or rebalanc\$4 or correct\$4) and (@ad<="20021206")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:38
S262	135	(ratio) adj5 ((quadrature) or (Q)) adj5 (l or (ln\$phase)) and (@ad<="20020612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:48
S263	114	(ratio) adj4 ((quadrature) or (Q)) adj4 (l or (ln\$phase)) and (@ad<="20020612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:48

S264	0	(ratio) adj4 (compensat\$4 or correct\$4 or adjust\$4 or rebalanc\$4) adj4 ((quadrature) or (Q)) adj4 (I or (In\$phase)) and (@ad<="20020612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:49
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